

FEB 11 2005

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
46955.20

In Re Application Of: **Hillenbrand, et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/519349	27 Dec 2004 (371)	Not Yet Assigned	041068	Not Assigned	Not Assigned

Title:

Methods and Devices for Acquiring Optical Near-Field Interaction Signals

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-2194 as described below.
- ☐ Charge the amount of _____
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9 February 2005

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Jane D. Roberts

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Dated: 9 February 2005

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 46955.20		Application Number 10/519349		
				Applicant(s) Hillenbrand, et al. / Customer Number 041068				
				Filing Date 27 December 2004 (371 date)		Group Art Unit Not Yet Assigned		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	6408123	18 Jun 2002	Kuroda, et al.			9 Nov 2000	
	AB	5602820	11 Feb 1997	Wickramasinghe, et al.			24 Aug 1995	
	AC	4947034	7 Aug 1990	Wickramasinghe, et al.			28 Apr 1989	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AD	DE 10035134 A1	14 Feb 2002	Germany			✓ SUMMARY	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	AE	S. KLABITZER; "Generation of optical contrast in insulating materials by irradiation with focused ion beams", Applied Physics A, Vol. 71, pp 565-569.						
	AF	R. HILLENBRAND, et al.; "Material-specific mapping of metal/semiconductor/dielectric nanosystems at 10 nm resolution by backscattering near-field optical microscopy", Applied Physics Letters, Vol. 80 Number 1, (2002), pp25-27.						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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		Applicant(s) Hillenbrand, et al. / Customer Number 041068	
		Filing Date 27 December 2004 (371 date)	Group Art Unit Not Yet Assigned

*EXAMINER INITIAL	OTHER DOCUMENTS	(Including Author, Title, Date, Pertinent Pages, Etc.)
AG		R. HILLENBRAND, et al.; "Complex Optical Constants on a Subwavelength Scale", Physical Review Letters, Vol. 85, No. 14, 2000, pp 3029-3032.
AH		Y. MARTIN, et al.; "Optical data storage read out at 256 Gbits/in.2", Applied Physics Letters, Vol. 71, 1997, pp 1-3.
AI		B. KNOLL, et al.; "Infrared conductivity mapping for nanoelectronics", Applied Physics Letters; Vol. 77, No. 24, 2000, pp 3980-3982.
AJ		B. KNOLL, et al.; "Near-field probing of vibrational absorption for chemical microscopy", Nature, Vol. 399, 1999, pp 134-136.
AK		P.K. ARAVIND, et al.; "The effects of the interaction between resonances in the electromagnetic response of a sphere-plane structure; applications to surface enhanced spectroscopy", Surface Science, Vol. 124, 1983, pp 506-528.
AL		B. KNOLL, et al.; "Enhanced dielectric contrast in scattering-type scanning near-field optical microscopy", Optics Communications, Vol. 182, No. 4-6, 2000, pp 321-328
AM		F. KEILMANN, et al.; "Long-Wave-Infrared Near-Field Microscopy", physica status solidi, Vol. 215 ISS.1, 1999, pp 321-328.
AN		T.R. JENSEN, et al.; "Nanosphere Lithography: Tunable Localized Surface Plasmon Resonance Spectra of Silver Nanoparticles", J. Phys. Chem. B, Vol. 104, No. 45, 2000, pp 10549-10556.
EXAMINER		DATE CONSIDERED

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